# PRU Series BGA Prism Unit Operating Instructions

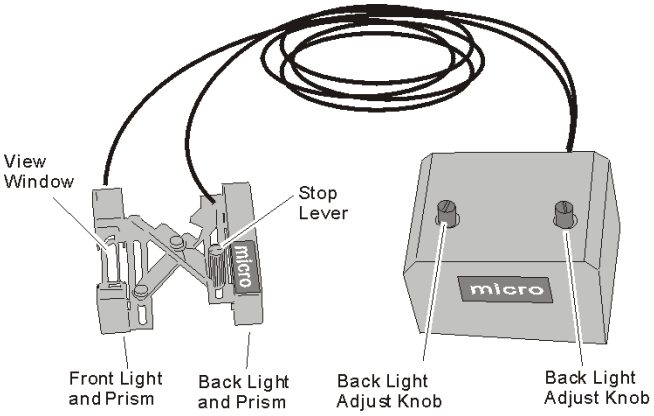
**1.** Unpack the product from the box and confirm the following:

(1) Main Body

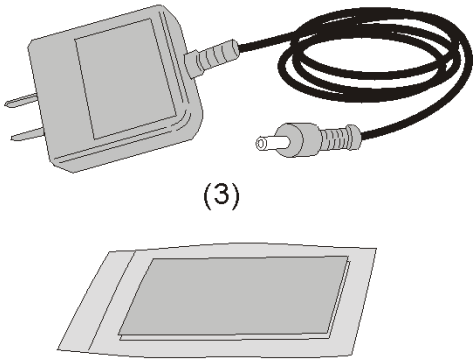
(2) LED Light Adjustment Box

(3) AC Adaptor (100V – 240V)

(4) Cleaning Cloth




(1) (2)

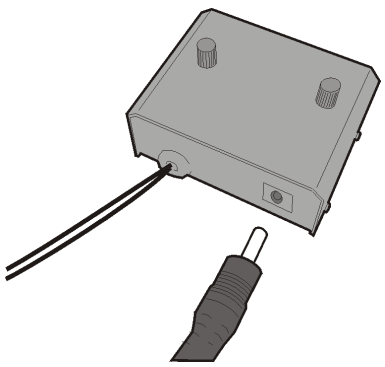


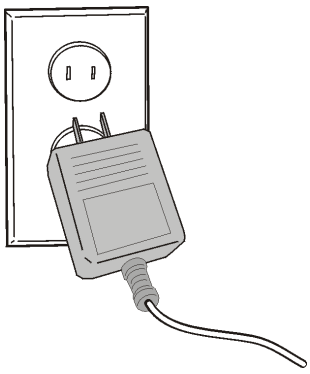
(3)



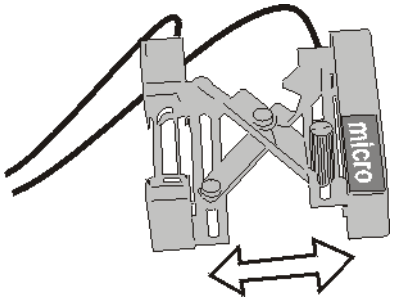
(4)

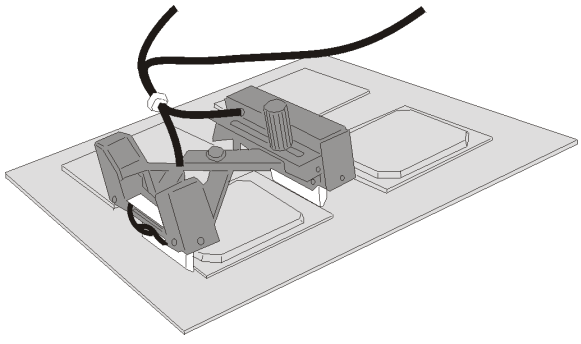
2. Plug one end of the AC Adapter cord into the LED Light Adjustment Box and plug the AC Adapter into a power source.





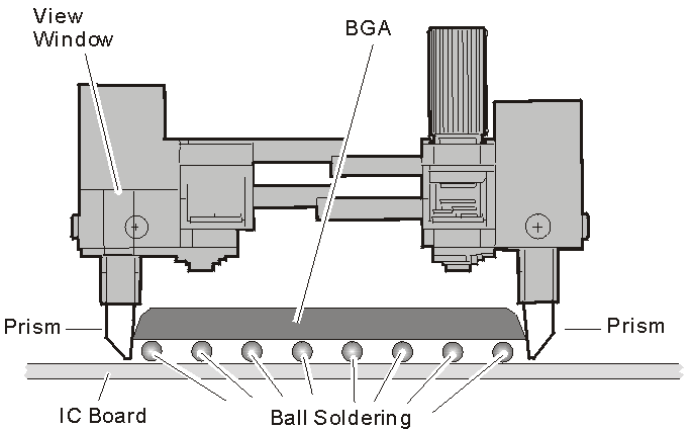
3. Place the BGA Prism Unit over a circuit board by expanding the pantograph of the BGA Prism to the size of the BGA package.



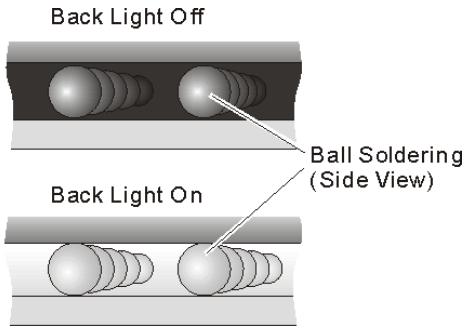



4. Move the entire object under any microscope, magnifying glass, loupe, or video microscope and observe the ball soldering condition.

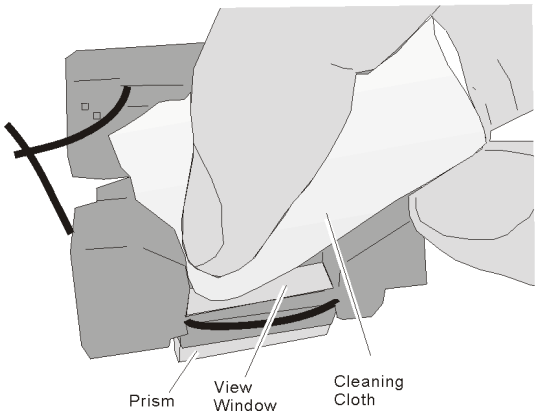
5. Turn the Back Light Adjust Knob to adjust the intensity of the prism light so that the background of the ball soldering appears clearly.




(Side View)




6. Clean the View Window and Prism surface with the Cleaning Cloth shipped with the product.




**Note:** Do not touch the View Window or the Prism with your hands. The oil on your hand may cause the image to blur.

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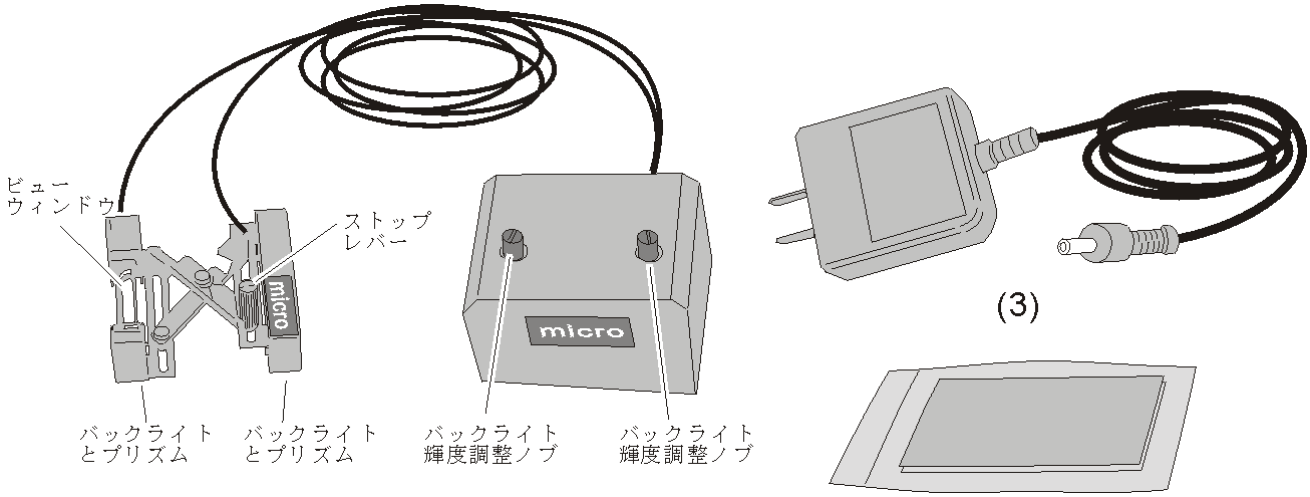
# 目視検査用プリズムユニット取扱説明書

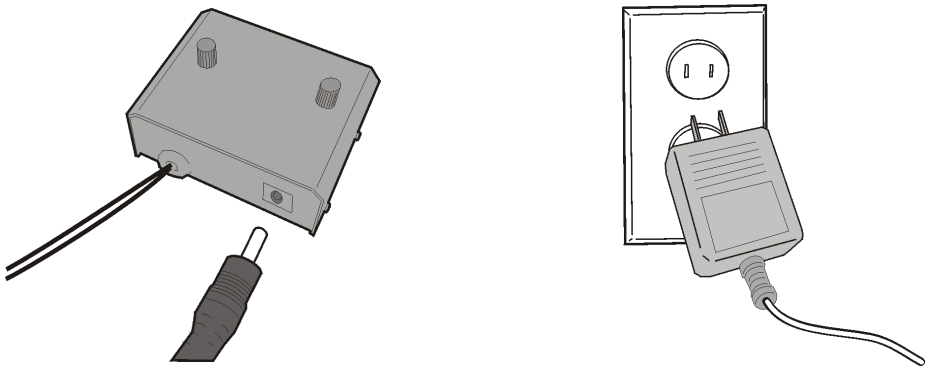
# PRU シリーズ書

1. 製品を梱包箱から取り出し、確認してください。
   (1) 本体
   (2) LED 調光ボックス
   (3) AC アダプター (100V – 240V)
   (4) クリーニング布

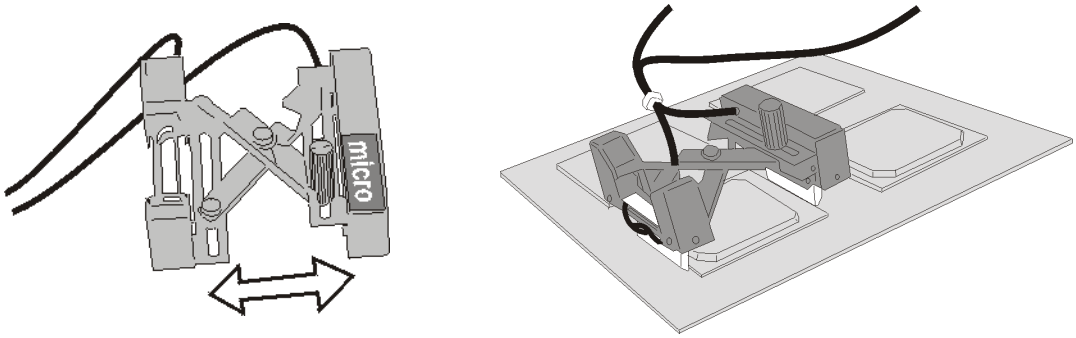



(1) (2) (4)

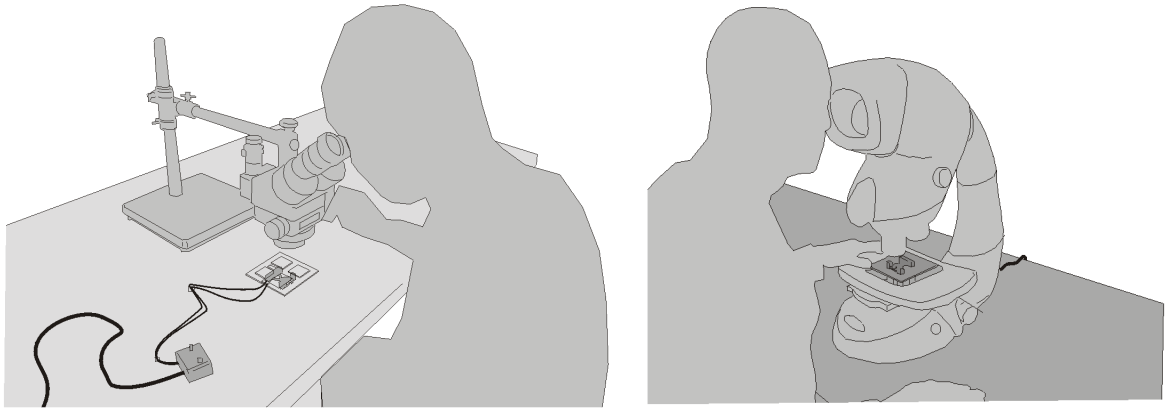
2. AC アダプターの一方を LED 調光ボックスに、もう一方を電源に差し込んでください。



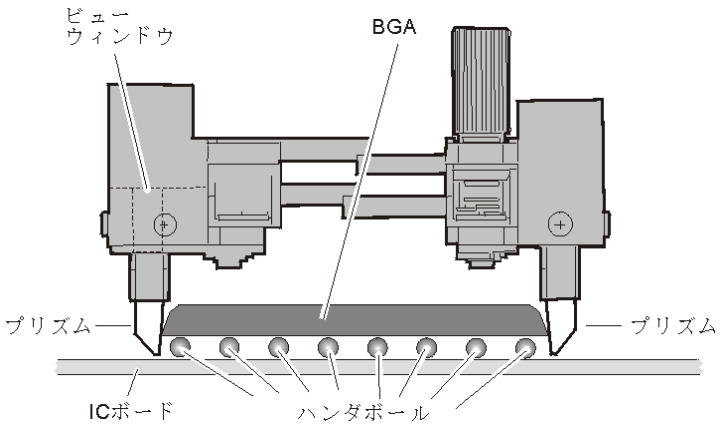
3. 本体を IC ボードの BGA にのせ、パンタグラフを広げパッケージのサイズに合わせてください。



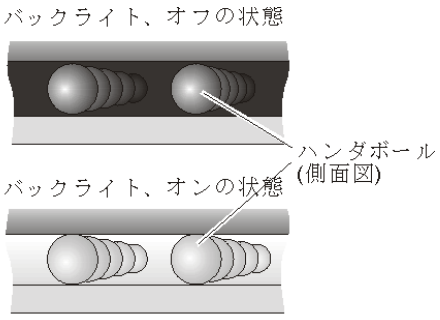
4. 本体と IC ボードを顕微鏡、拡大鏡、ルーペ、あるいはビデオマイクロスコープの下に置いておいて観察してください。



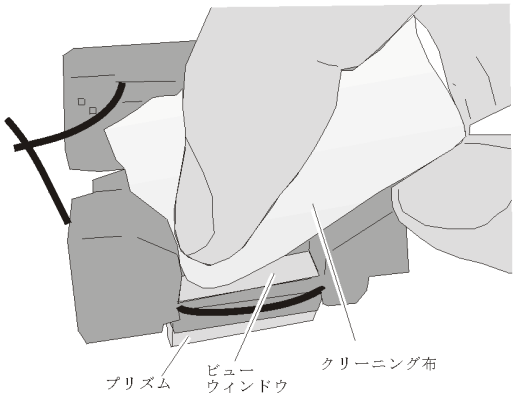
5. BGA 内部が暗い場合は LED 調光ボックスの輝度調整ノブを回して明るさを調整してください。ハンダボールの半田状態が楽に観察できます。




(側面図)




6. ビューウィンドウまたはプリズムが汚れたら同梱のクリーニング布で汚れをふき取ってください。




**注意:** ビューウィンドウやプリズムを直接手で触らないでください。手に付いている油により画像がぼけることがあります。

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